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(54) Title: LONG-ACTING DERIVATIVES OF PYY AGONISTS

(57) Abstract: The invention provides a PYY agonist derivative of the formula: (X)<sub>n</sub> - Z, wherein X is a radical 9-fluorenylmethoxycarbonyl (Fmoc) or 2-sulfo-9-fluorenyl-methoxycarbonyl (FMS), Z is the residue of a PYY agonist linked to the radical X through an amino or hydroxyl group, and n is 1 to 3, or a pharmaceutically acceptable salt thereof, for reducing food intake and treatment of a disease, condition or disorder that can be alleviated by reduction of food intake such as obesity, hypertension, dyslipidemia, cardiovascular risk, eating disorder, insulin-resistance, or diabetes mellitus.